**BRUHAT BANGALORE MAHANAGARA PALIKE**
YELHANKA ZONE ELECTRICAL DIVISION

**Office of the Executive Engineer**
**Electrical Division, Yelahanka Zone**
**Bruhath Bengaluru Mahanagara Palike**

## "Schedule-B"

**Name of work :-** Maintenance including electrification to connected roads to international Airport Road in Ward no 1,5 & 7

| Sl.No. | Approved Qty | Description of Work | Unit | Approved Rates | |
|---|---|---|---|---|---|
| | | | | in Figures | in words |
| 1 | 2000 | Supplying of 1.1KV grade Aerial Bunched Cable Stranded & Compacted Aluminum Phase Conductor, and Stranded Messenger Conductor with all aluminum Alloy, Phase Conductor is insulated with XLPE Compound, insulated Messenger with specified IS-14255:1995 & confirming to GTP of GROUP-A.3 X 16 + 1 X 25 SQ.MM | Per Mtr | 95.00 | Rupees Ninety Five Only |
| 2 | 30 | 3 X 25 + 1 X 25 + 1 X 16 SQ.MM | Per Mtr | 125.00 | Rupees One Hundred Twenty Five Only |
| 3 | 2030 | Stringing of 1.1kv LT Arial Bunched Cable, BESCOM SR | Per Mtr | 10.00 | Rupees Ten Only |
| 4 | 105 | Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded **Aluminium** unsheathed wire single core/multi core cable in open or consealed system of wiring. a)4 sqmm. | Each | 5.00 | Rupees Five Only |
| 5 | 200 | Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable. 3.5 core 25 sqmm4 core 16 sqmm | Per Mtr | 135.00 | Rupees One Hundred Thirty Five Only |
| 6 | 150 | 3.5 core 25 sqmm | Per Mtr | 175.00 | Rupees One Hundred Seventy Five Only |
| 7 | 250 | Labour charges for lying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall /on pole as required. I. In existing trench/duct.b)25sqmm to 75 sqmm | Per Mtr | 10.00 | Rupees Ten Only |
| 8 | 200 | Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7)In soil (ordinary) | Per Mtr | 90.00 | Rupees Ninety Only |
| 9 | 16 | Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete. Protection of Overload and Short circuit with thermal Magnetic/Micro processor release and Earth Fault as per IS-13947. ( Icu = Ics) THREE POLE 100Amps25kA. | Nos | 2900.00 | Rupees Two Thousand Nine Hundred Only |
| 10 | 10 | Supplying and Fixing ... including all Hardware's etc. complete as per the standard technical specification of BESCOM. RCC Clamp | Each | 90.00 | Rupees Ninety Only |
| 11 | 24 | Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.63Amps | Each | 100.00 | Rupees One Hundred Only |
| 12 | 12 | Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.f)40-63Amps TPN. | Each | 1200.00 | Rupees One Thousand Two Hundred Only |
| 13 | 133000 | Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.16SWG | Sqcm | 0.3 | Rupees And Paise Thirty Only |

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|---|---|---|---|---|---|
| 14 | 33 | Supply and fixing of 4-pole power contactor with NO/NC contacts on existing wood / panel board using necessary bolts, nuts, washers and wiring etc., complete. d) 100-125 Amps | Each | 7900.00 | Rupees Seven Thousand Nine Hundred Only |
| 15 | 100 | Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and **Copper** conductor single core cable in open or consealed system of wiring.I Group A Materials.g)16 sqmm | Per Mtr | 50.00 | Rupees Fifty Only |
| 16 | 48600 | Supplying and fixing phylum brand hand plastic sheet 3mm thick with necessary niches for fixing switches, regulators etc., and fixing on exisiting wood or metal box using N.F.screws | Sqcm | 0.2 | Rupees Zero and Paise Two Only |
| 17 | 31 | Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. And M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. a)40X40X6mm | Per Mtr | 200.00 | Rupees Two Hundred Only |
| 18 | 20 | Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and waqshers etc.. Group A, PWD Elec SR 2006-07. | Nos | 2200 | Rupees Two Thousand Two Hundred Only |
| 19 | 6 | Digging of Pits 1.8 mtr depth for errection of 9 to 10mtr Long Steel/RCC/PSC supports as per approved Drawing.Ordinary Soil | Nos | 700 | Rupees Seven Hundred Only |
| 20 | 6 | Erection of steel supports 9.0 to 10.00 mtr long suchas 22.68 kg (50 lbs) Rail, 27.22 kg (60 Lbs) Rail IBeam of sizes 200x100mm, 175x90 mm, 125x100mm. Fabricates poles tubular poles in pits of 1.8 mtrDepth, Aligning, Refilling with soil and ramming asapproved drawing | Nos | 500 | Rupees Five Hundred Only |
| 21 | 6 | Pole concreting with CC 1:2:4 (without coping) f) 8mtrs support (400x400x1500mm) | Nos | 700 | Rupees Seven Hundred Only |
| 22 | 3 | Any Dismantling work 90% of the corresponding erection charges(304x90%=273.6) | Nos | 700 | Rupees Seven Hundred Only |
| 23 | 4 | Transportation using 7.5/10 Tons Lorry Rs. 23 per Kms subjected to a minimum of Rs. 1200/-per day (shifting of Panel boards & Poles) | Days | 1500 | Rupees One Thousand Five Hundred Only |
| 24 | 80 | Laying of UG Cables by trenchless technology by adopting horizontalboring & Drawing of cable including preparation at site With HDPE Pipei) Normal soil 5" bore size | Mtrs | 650 | Rupees Six Hundred Fifty Only |
| 25 | 1 | Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 using 20mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cm thick vibrated for all works , in foundation, plinth and sills including cost of all materials,labour,HOM of machinery, curring complete as per | Cmt | 2000.00 | Rupees Two Thousand Only |

EXECUTIVE ENGINEER (ELEC)
YELHANKA ZONE
BBMP

Sri Lakshmi Varadaraja
Electrical Stores
Proprietor

Contractor

I am prepared to take up the above work at rates quoted in the Schedule 'B'